



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/020,022	12/06/2001	Thomas James Dubil	US 018198	8991

24737 7590 02/13/2006

PHILIPS INTELLECTUAL PROPERTY & STANDARDS  
P.O. BOX 3001  
BRIARCLIFF MANOR, NY 10510

EXAMINER

BROWN, VERNAL U

ART UNIT PAPER NUMBER

2635

DATE MAILED: 02/13/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 10/020,022	<b>Applicant(s)</b> DUBIL ET AL.	
	<b>Examiner</b> Vernal U. Brown	<b>Art Unit</b> 2635	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 22 November 2005.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-23 and 25-28 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-23 and 25-28 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 22 November 2005 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

### **DETAILED ACTION**

This action is responsive to amendment filed on November 22, 2005.

#### ***Response to Amendment***

The examiner has acknowledged the amended claims 1, 7, 15 and the cancellation of claims 24 and 29.

#### ***Drawings***

The drawings were received on 11/22/05. These drawings are accepted.

#### ***Response to Arguments***

Applicant's arguments filed November 22, 2005 have been fully considered but they are not persuasive.

Regarding applicant's argument on pages 14-15 regarding notifying the remote source concerning the availability of the charging device, Averbuch et al. teaches setting a flag indicating the availability of updated data (col. 3 lines 2-4) and when a flag is detected the charger downloader choose the best time to contact the server and initiate the software download (col. 5 lines 13-39). The initiation of the software download by the charger implies that the charger is available for download and when the flag is set and the download is not initiated by the charger further implies that the charger is not available for download due to the activity present on the network connection to the charger

***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-3, 5,6, 7-15, 17-21, and 25 are rejected under 35 U.S.C. 103(a) as being unpatentable over Averbuch et al. U.S Patent 5,689,825 in view of Shanahan US Patent 6,496,692.

Regarding claims 1 and 7, Averbuch et al. teaches a charger system comprising:

a charger comprising coupling means for coupling to a rechargeable device (figure 1), wherein the coupling means includes charging means (108) for providing an electrical charge to the rechargeable device and means for transferring data to the rechargeable device (col. 2 lines 10-17); and means for receiving the data from a remote source and transferring the data upon receipt to at least one of the means for transferring and a storage means of the charger (col. 2 lines 20-22). Averbuch et al. teaches setting a flag indicating the availability of updated data (col. 3 lines 2-4) and when a flag is detected the charger downloader choose the best time to contact the server and initiate the software download (col. 5 lines 13-39). The initiation of the software download by the charger implies that the charger is available for download and when the flag is set and the download is not initiated by the charger further implies that the charger is not available for download due to the activity present on the network connection to the charger. Averbuch et al. is however silent on teaching selectively transferring data to the rechargeable

Art Unit: 2635

device and the storage means of the charger. Shanahan in an art related method for programming information into an electronic device downloading data from a remote source and selectively storing data in the memory of the downloading device or transferring the data directly to be programmed in the device and the selective routing of data is performed by the processor (col. 4 lines 30-45) in order to facilitate any necessary processing of the downloaded data. Shanahan also teaches. Shanahan also teaches the programmer has an input device such as a keyboard for monitoring the data file transfer and ensuring the programmable device received the selected files (col. 4 lines 45-48) and further teaches the format of the data to be transfer is selected by the user (col. 6 lines 56-60). Therefor by selecting the format of the data the user inherently selects whether data is transferred directly to the programmable device or to the buffer of the programmer.

It would have been obvious to one of ordinary skill in the art to selectively transfer data to the rechargeable device and the storage means of the charger in Averbuch et al. as evidenced by Shanahan because Averbuch et al. suggests a charger system for downloading data and transferring the data to a rechargeable device and Shanahan suggests downloading data from a remote source and selectively storing data in the memory of the downloading device or transferring the data directly to be programmed in the device in order to facilitate any necessary processing of the downloaded data.

Regarding claim 2, Averbuch et al. teaches the charging means provides an electrical charge to the rechargeable device and the means for transferring the data to the rechargeable device simultaneously (col. 2 line 65-col. 3 line 2) and (col. 6 lines 54-56).

Regarding claim 3, Averbuch et al. teaches receiving data from the remote source over the INTERNET (col. 5 lines 32-36).

Regarding claim 5, Averbuch et al. teaches downloading software to the portable device (col. 2 lines 10-12). Software programs inherently include executables.

Regarding claims 6 and 9, Averbuch et al. teaches downloading the software for operating the portable device (col. 2 lines 18-22). The downloaded software represents the operating instruction for the portable device and is considered schedule information because the software controls the operation of the portable device.

Regarding claim 8, Averbuch et al. teaches the remote source is a server (104) (col. 2 line 20) and initiating the transfer of data from the server (col. 2 lines 25-26).

Regarding claims 10-11, Averbuch et al. teaches the step of programming the charging device via the remote source (wireless portable device) to transmit the request signal to the server by setting a flag in the wireless device (col. 4 lines 54-60) and using this flag to determine when to download the software. The wireless device is also the charging device (col. 2 line 67-col. 3 line 2).

Regarding claim 12, Averbuch et al. teaches notifying the remote source of the availability of the charging device for receiving the data by initiating the software download (col. 2 lines 25-26).

Regarding claims 13-15, Averbuch et al. teaches a method for providing data to a rechargeable electronic device comprising the steps of:  
receiving data from a remote source via a charging device (col. 2 lines 10-16);

Art Unit: 2635

storing the received data within the charging device (col. 2 lines 26-28);

coupling the rechargeable electronic device to the charging device (col. 2 lines 15-18).

Averbuch et al. further teaches charging the rechargeable electronic device and transferring the stored data and the received data from the charging device to the rechargeable electronic device (col. 2 lines 30-35). Averbuch et al. teaches setting a flag indicating the availability of updated data (col. 3 lines 2-4) and when a flag is detected the charger downloader choose the best time to contact the server and initiate the software download (col. 5 lines 13-39). The initiation of the software download by the charger implies that the charger is available for download and when the flag is set and the download is not initiated by the charger further implies that the charger is not available for download due to the activity present on the network connection to the charger. Averbuch et al. is however silent on teaching selectively transferring data to the rechargeable device and the storage means of the charger. Shanahan in an art related method for programming information into an electronic device downloading data from a remote source and selectively storing data in the memory of the downloading device or transferring the data directly to be programmed in the device and the selective routing of data is performed by the processor (col. 4 lines 30-45) in order to facilitate any necessary processing of the downloaded data. Shanahan also teaches the programmer has an input device such as a keyboard for monitoring the data file transfer and ensuring the programmable device received the selected files (col. 4 lines 45-48) and further teaches the format of the data to be transfer is selected by the user (col. 6 lines 56-60). Therefor by selecting the format of the data the user inherently selects whether data is transferred directly to the programmable device or to the buffer of the programmer.

It would have been obvious to one of ordinary skill in the art to selectively transfer data to the rechargeable device and the storage means of the charger in Averbuch et al. as evidenced by Shanahan because Averbuch et al. suggests a charger system for downloading data and transferring the data to a rechargeable device and Shanahan suggests downloading data from a remote source and selectively storing data in the memory of the downloading device or transferring the data directly to be programmed in the device in order to facilitate any necessary processing of the downloaded data.

Regarding claim 17, Averbuch et al. teaches the remote source is a server (104) and also teaches means for initiating transfer of the data from the server to the charging device by transmitting a request signal to the server (col. 2 lines 25-26).

Regarding claim 18, Averbuch et al. teaches means for initiating transfer of the data from the server to the charging device by transmitting a request signal to the server (col. 2 lines 25-26).

Regarding claim 19, Averbuch et al. teaches programming the charging device via the rechargeable electronic device to transmit the request signal to the server by setting a flag in the wireless device (col. 4 lines 54-60) and using this flag to determine when to download the software. The wireless device is also the charging device (col. 2 line 67-col. 3 line 2).

Regarding claims 20 and 25, Averbuch et al. teaches the selectable transfer occurs in response to a time-based event (col. 5 lines 13-23).



Regarding claims 21 and 26, Averbuch et al. teaches the user selects the data to be transfer (col. 6 lines 56-60). The transfer of data is therefore overridable because the user select whether or not data is to be transferred.

Claims 4 and 16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Averbuch et al. U.S Patent 5,689,825 in view of Shanahan US Patent 6,496,692 and further in view of Reed U.S Patent 4,700,375.

Regarding claims 4 and 16, Averbuch et al. in view of Shanahan teaches a rechargeable portable device (col. 2 lines 10-17) but is silent on teaching the rechargeable device function as a remote control. Reed in an art related Battery charger and Data Transfer System teaches a rechargeable device functioning as a remote control (col. 5 lines 66-68), which is also a conventional practice.

It would have been obvious to one of ordinary skill in the art to have the rechargeable device function as a remote control in Averbuch et al. in view of Shanahan as evidenced by Reed because Averbuch et al. in view of Shanahan suggests a rechargeable portable device and Reed teaches a rechargeable device functioning as a remote control in order to control other devices.

Claim 22-23 and 27-28 are rejected under 35 U.S.C. 103(a) as being unpatentable over Averbuch et al. U.S Patent 5,689,825 in view of Shanahan US Patent 6,496,692 and further in view of Averbuch et al. US Patent 5896566.

Regarding claims 22-23 and 27-28, Averbuch et al. in view of Shanahan teaches the data transfer is initiated by setting a flag (U.S Patent 5,689,825, col. 4 lines 54-66) but is silent on teaching the flag is set by a remote source. Averbuch et al. (US Patent 5896566) in an art related software update system teaches the remote source setting a flag indicating new updated data is

Art Unit: 2635

available (col. 2 lines 18-23) in order to enable the transfer of updated software to the portable device. The process is repeated whenever updated software is available to be downloaded.

It would have been obvious to one of ordinary skill in the art for the data transfer to be initiated by the remote source in Averbuch et al. (U.S Patent 5,689,825) in view of Shanahan as evidenced by Averbuch et al. (US Patent 5896566) because Averbuch et al. (U.S Patent 5,689,825) in view of Shanahan suggests the data transfer is initiated by setting a flag and Averbuch et al. teaches the remote source setting a flag indicating new updated data is available in order to enable the transfer of updated software to the portable device.

### ***Conclusion***

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Art Unit: 2635


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Vernal U. Brown whose telephone number is 571-272-3060. The examiner can normally be reached on 8:30-7:00 Monday-Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Horabik can be reached on 571-272-3068. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Vernal Brown  
February 8, 2006



BRIAN ZIMMERMAN  
PRIMARY EXAMINER